WHAT IS CLAIMED IS:

Sub A1

1. An acoustic signal monitoring system, comprising:

a time series analyzer configured to determine and provide a continuous feedback about an on/off state of a microphone to a user, said analyzer also enabling gain adjustment to prevent signal clipping or amplifier overloading; and

a parameter adjustment element operating to calculate frequency domain parameters, said frequency domain parameters providing information about placement of the microphone with respect to an audio source, where said information enables the user to take appropriate actions to enhance operation of an audio system.

2. A method comprising:

determining information about an on/off state of a microphone; and

continuously providing a feedback based on said information.

3. A method comprising:

determining information about a quality of an acoustic signal; and

continuously providing a feedback based on said quality information.

4. The method of claim 3, wherein said quality information of said acoustic signal is signal clipping information.

5. The method of claim 3, wherein said quality information of said acoustic signal is a signal-to-noise ratio.

6. The method of claim 5, where said signal-to-noise ratio provides information about placement of a microphone with respect to an audio source.

7. An apparatus comprising a computer-readable storage medium having executable instructions that enable the computer to:

determine information about a quality of an acoustic signal; and

continuously provide a feedback based on said quality information.